

Work Order ID 82330-1

March 28 12 1:01:03 PM

\*82330\*

Page 1

Item ID: D4406-011

Revision ID:

Item Name: End Wearplate

Start Date: 03/01/01 End Date: 03/01/01

Required Date: 03/01/01 Required Qty: 1.000

Reference:

Accept

\*N9000040100\*

Setup Start

\*NS1\*

Stop

\*NS2\*

Cust Item ID:

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

\*NR1\*

Stop

\*NR2\*

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

101100

13

100

0.00

\*100\*

Waterjet

0.00

FLOW CNC Waterjet

Memo

1-Cut as per dwg D4406-1

prog rev:

dwg rev:

2-Debur if required

110

QC2- Inspect parts off machine 1-A/1-A/B

0.00

\*110\*

QC

Memo

0.00

Quality Control

B / Jan 12/01/04

(8)

B / Jan 12/01/04

(8)

Work Order ID

March-28-12 4:01 PM

Item ID:

Revision ID:

Item Name:

Start Date:

Required Date:

Reference:

Approvals:

Process Plan:

QC:

Sequence ID:

Work Center ID:

120

\*120\*

on

Quality Control

130

\*130\*

Small Tabs

Small Tabs

140

\*140\*

QC

Quality Control

\*82330\*

Accept

\*N900040100\*

Setup Start

\*NS1\*

Stop

\*NS2\*

Cust Item ID:

Customer:

Run Start

\*NR1\*

Stop

\*NR2\*

Loading:

Date:

APC (X 10)

Date:

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

0.00

0.00

0.00

0.00

0.00

0.00

Operation  
Description

2nd check part - second check

Memo

Memo

Form as per dwg E-1406

QC5- Inspect part completeness to step on W/C

Memo



| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

# Work Order ID 82330

March-28-12 4:01 PM PM

\*82330\*

Page 3

Item ID: D4406 011

Revision ID:

Item Name: Fwd Wearplate

Start Date: 28/03/12 Start Qty: 0.00

Required Date: 11/04/12 Req'd Qty: 0.00

Reference:

Accept

\*N9000040100\*

Setup Start \*NS1\*

Stop \*NS2\*

Cust Item ID:

Customer:

Approvals:

Process Plan

Date:

Tooling

Date:

Run Start

\*NR1\*

QC

Date:

SFC (Y/N)

Date:

Stop

\*NR2\*

Sequence ID:

Work Center ID:

150

\*150\*

Large Fab

Large Fab

Operation  
Description

Set Up/  
Run Hours

0.00

Tool ID Tool # Plan Code Accept Qty Reject Qty Reject Number Insp. Stamp

Memo

0.00

Weld bar as per dwg

A/R 2059b hard out Batch# M122030

Weld bar to wearplate as per dwg

A/R s.s. rod Batch# M120013

160

\*160\*

QC

Quality Control

QC9- Inspect visual per QN004 Fusion Welds

0.00

Memo

0.00

165

\*165\*

QC

Quality Control

QC5- Inspect part completeness to step on W/C

0.00

Memo

0.00

(x1)

MAL

12/06/14

(1x)

PC 12.06.14

1

M 12.06.14



| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
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|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

# Work Order ID 82330

March-28-12 4:04:02 PM

\*82330\*

Page 4

Item ID: D4406-041  
Revision ID:  
Item Name: Fwd Wearplate Assembly  
Start Date: 28/03/2012 Start Qty: none  
Required Date: 11/04/2012 Req'd Qty: none  
Reference:

Accept

\*N9000040100\*

Setup Start \*NS1\*  
Stop \*NS2\*

Cust Item ID:  
Customer:

Approvals: Process Plan Date: Loading Date: Run Start \*NR1\*  
QC Date: Stop \*NR2\*

Sequence ID/ Work Center ID Operation Description Set Up/ Run Hours

170  
\*170\*  
Small Fab Memo 0.00  
Small Fab Apply coating as per dwg 141106

180  
\*180\*  
QC'S- Inspect part completeness to step on W/O 0.00  
Memo 0.00

190  
\*190\*  
Identify as per dwp & Stock Location 0.00  
Memo 0.00

Tool ID Tool # Plan Code Accept Qty Reject Qty Reject Number Insp. Stamp

1 & (2P) 12/06/14

1 & BL 120375

\$ 12/6/15



| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

# Work Order ID 82330

March 28-12 4:04:02 PM

\*82330\*

Page 5

Item ID: D4406-041

Revision ID:

Item Name: Fwd Wearplate Assembly

Start Date: 28/03/2012 Start Qty: 0.00

Required Date: 11/04/2012 Req'd Qty: 0.00

Reference:

Approvals:

Process Plan:

Date:

QC:

Date:

Sequence ID:

Operation

Work Center ID:

Description

Qty

QC 21

Unit Inspection Work Order Release

\*2000\*

Qty

Attn:

Quality Control

Accept

\*N900040100\*

Setup Start

\*NS1\*

Stop

\*NS2\*

Cust Item ID:

Customer:

Run Start

\*NR1\*

Stop

\*NR2\*

Tooling:

Date:

SPC (Y/N):

Date:

Set Up/  
Run Hours

0.00

Tool ID

Tool #

Plan

Code

Accept

Qty

Reject

Qty

Reject

Number

Insp.

Stamp

0.00

12/6/18

MF  
12-06-15



| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
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|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

NOTE: Date & initial all entries

# Picklist Print

March-28-12 4:04:06 PM

Work Order ID: 82330

Parent Item: D4406-041

Parent Item Name: Fwd Wearplate Assembly

\*82330\*

\*D4406-041\*

Page 1

T

Start Date: 28/03/2012

Required Date: 11/04/2012

Start Qty: 8.00

Required Qty: 8.00

## Comments:

IPP rev A 11.06.06 new issue 10 3/10/06 to 10/12/06 as per dwg rev PB1 DP 3/10/06

IPP rev B

Component Item ID/  
Item Name

Replacement  
Item ID

Mfg/  
Purch

Bin

Location

Location

Route  
Seq ID

Unit of  
Measure

Qty on  
Hand

Qty per Kit

Total  
Qty

Qty  
Issued

Date  
Issued

Status

M304S18GA

\*M304S18GA\*

001 116 100 100

Purchased

100

1

11.000

1

11.000

\*\*

Location

1 10 0

11.000

11.000

11.000

M304S18GA

1 11 0

Loc Qty

181,786

1.0

181,786

1.0

96

96

150

Each

0.0000

\*\*

12492

16

12492 / 15 120404 (E)

D4407-1

\*D4407-1\*

Bin

Manufactured

No

B 80758

(X2)

(X2)

MAL

12/06/14

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
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| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries



RT AEROSPACE LTD

Work Order:

F2330

Section Plate

Part Number

D4406-1

Section Dwg: D4406

Rev E

Page 1 of 1

## FIRST ARTICLE INSPECTION CHECKLIST

| Drawing Dimension | Tolerance | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
|-------------------|-----------|------------------|--------|--------|----------------------|----------|
| 0.55              | +/-0.010  | 0.567            | ✓      |        | vern                 |          |
| 0.80              | +/-0.010  | 0.82             | ✓      |        | vern                 |          |
| 0.88              | +/-0.010  | 0.89             | ✓      |        | vern                 |          |
| 0.10              | +/-0.010  | 0.128            | ✓      |        | vern                 |          |
| 0.77              | +/-0.010  | 0.772            | ✓      |        | vern                 |          |
| 7.013             | +/-0.040  | 7.203            | ✓      |        | vern                 |          |
| 7.80              | +/-0.030  | 7.80             | ✓      |        | vern                 |          |
| 1.88              | +/-0.030  | 3.63             | ✓      |        | vern                 |          |
| 7.00              | +/-0.030  | 7.01             | ✓      |        | vern                 |          |
| 4.00              | +/-0.030  | 4.00             | ✓      |        | vern                 |          |
| 36.00             | +/-0.030  | 36.30            | ✓      |        | vern                 |          |
| 66.00             | +/-0.030  | 66.00            | ✓      |        | vern                 |          |
| 2.44              | +/-0.030  | 2.44             | ✓      |        | vern                 |          |
| 7.067             | +/-0.010  | 7.067            | ✓      |        | vern                 |          |
| 7.76              | +/-0.030  | 7.76             | ✓      |        | vern                 |          |
| 12.745            | +/-0.010  | 12.745           | ✓      |        | vern                 |          |
| 37.305            | +/-0.010  | 37.305           | ✓      |        | vern                 |          |
| 63.734            | +/-0.010  | 63.734           | ✓      |        | vern                 |          |
| 6.047             | +/-0.010  | 6.047            | ✓      |        | vern                 |          |

 Inspected by: JB / Jm  
 Date: 12/01/01

 Audited by: S  
 Date: 12/01/01

 Preliminary Approval:  
 Date:

| Date     | Change                           | Revised by    | Approved |
|----------|----------------------------------|---------------|----------|
| 11.10.13 | New Issue                        | P/O D4406-041 |          |
| 12.03.08 | Dimensions revised per Dwg Rev B |               |          |

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries



| ITEM | QTY<br>-041 | QTY<br>-043 | P/N       | DESCRIPTION                                 |
|------|-------------|-------------|-----------|---|
| 1    | X           |             | D4406-041 | FWD WEARPLATE ASSY                          |
| 2    |             | X           | D4406-043 | AFT WEARPLATE ASSY                          |
| 3    | 1           |             | D4406-1   | PLATE                                       |
| 4    |             | 1           | D4406-3   | PLATE                                       |
| 5    | 2           |             | D4407-1   | BAR   |
| 6    |             | 2           | D4407-3   | BAR   |
| 7    | A/R         | A/R         | 2059B     | HARDCOAT                                    |
| 8    | A/R         | A/R         | 4714      | PLUS ONE ROCKGUARD (SEE NOTE 10, SHT 2 & 3) |

D4406-041 FWD WEARPLATE ASSY

D4406-043 AFT WEARPLATE ASSY

82330 MLJ  
12/03/29

RELEASE  
2012-02-23  
MP

|  |             |   |          |
|--|-------------|---|----------|
| 10. VISE BILL OF MATERIAL - AFT WING, 13714 & REVISE<br>NOTE 9 SHT 2 & 3; MODIFY DETAIL L & J (ZN B3-6, C2-6);<br>ADD DETAIL G (ZN C7-6); REVISE D4406-3F TAB<br>LOCATIONS (ZN B5-5)   |             | RF  | 12.02.16 |
| A NEW ISSUE  |             | RF  | 11.08.15 |
| REV  | DESCRIPTION | HY  | 10.11    |
| DESIGN   | RF          | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA<br>DRAWING NO. <b>D4406</b> REV. 3<br>SHEET 1 OF 6<br>TITLE <b>WEARPLATE ASSY</b> SCALE <b>NTS</b> |          |
| DRAWN  | RF          |   |          |
| CHECKED  | RF          |   |          |
| MFG APPR.  | RF          |   |          |
| APPROVED   | RF          |   |          |
| DE APPR.   | RF          | DATE <b>12.02.16</b>  |          |
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| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

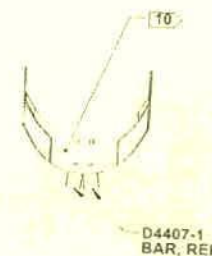
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
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|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries



82336



**SECTION A-A** C3-7  
**SCALE 2X**

RELEASE  
2012-02-23

- |          |                    |   |              |
|----------|--------------------|---|--------------|
| DESIGN   | RF                 | DART AEROSPACE LTD<br>HAWKESBURY, ONTARIO, CANADA   | REV. B       |
| DRAWN    | RF                 |   |              |
| CHECKED  | <i>[Signature]</i> | DRAWING NO.   | SHEET 2 OF 6 |
| MFG APPR | <i>[Signature]</i> | D4406   | SCALE        |
| APPROVED | <i>[Signature]</i> | TITLE   | NTS          |
| DE APPR  | <i>[Signature]</i> | WEARPLATE ASSY  |              |
| DATE     | 12.02.16           | COPYRIGHT © 2011 BY DART AEROSPACE LTD<br>THIS DRAWING AND ITS CONTENTS ARE UNCLASSIFIED AND ARE AVAILABLE TO THE PUBLIC WITHOUT RESTRICTION. IF IT IS<br>NOT FURTHER CLASSIFIED OR DECLASSIFIED BY THE COMPANY, IT WILL REMAIN UNCLASSIFIED AND WILL BE AVAILABLE TO THE PUBLIC. |              |



| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

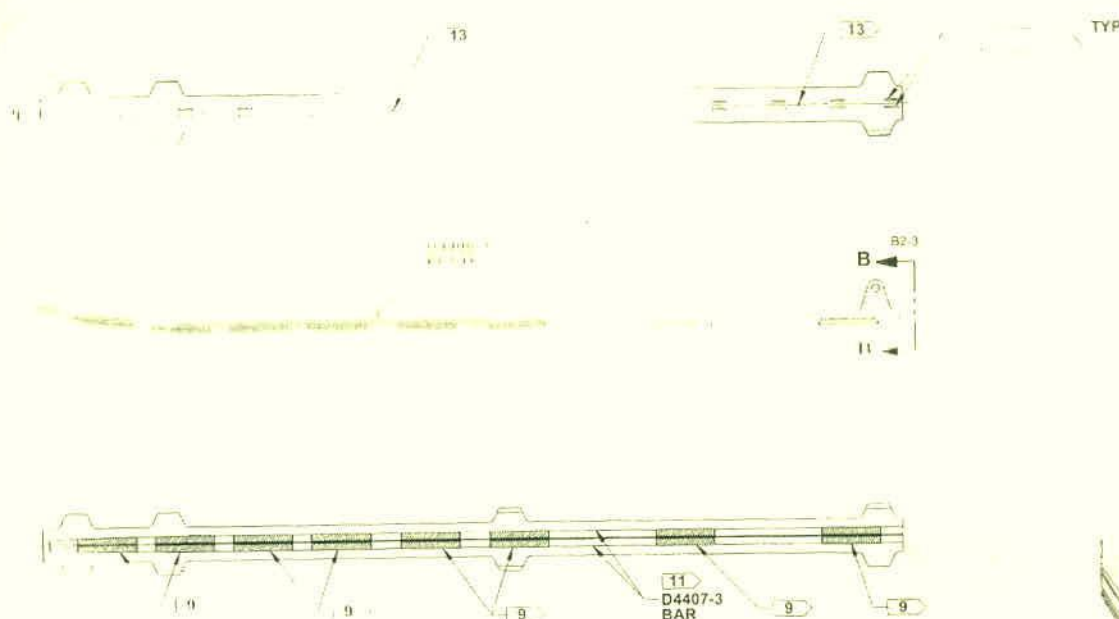
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
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|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries



82330



D4406-043 AFT WEARPLATE ASSY

SECTION B-B C3.3  
SCALE 2X

RELEASE  
2012-02-23

- 1) 2059B HARD COAT WITH 0.0012 THICKNESS  
2) 2059B HARD COAT WITH 0.0012 THICKNESS  
3) 2059B HARD COAT WITH 0.0012 THICKNESS  
4) 2059B HARD COAT WITH 0.0012 THICKNESS  
5) 2059B HARD COAT WITH 0.0012 THICKNESS  
6) 2059B HARD COAT WITH 0.0012 THICKNESS  
7) 2059B HARD COAT WITH 0.0012 THICKNESS  
8) 2059B HARD COAT WITH 0.0012 THICKNESS  
9) 2059B HARD COAT WITH 0.0012 THICKNESS  
10) COAT ENTIRE TOP (CONCAVE) SURFACE WITH ALUMINUM PLATE (3003 H14) 0.020-0.040 THICK  
11) FORM TO MATCH PROFILE OF D4406-3 AT TIME OF WELDING  
12) FILL TOOLING HOLE WITH WELD ONE PLACE ONLY  
13) TRANSFER Ø0.188 HOLES FROM D4406-3 TO D4407-3  
14) NOTCH D4407-3 BARS AS REQUIRED TO FORM TO D4406-3 PLATE

B

|          |          |  |              |
|----------|----------|--|--------------|
| DESIGN   | RF       | DART AEROSPACE LTD<br>HAWKESSBURY, ONTARIO, CANADA   |              |
| DRAWN    | RF       | DRAWING NO.  | REV. B       |
| CHECKED  | RF       | D4406  | SHEET 3 OF 6 |
| MFG APPR | RF       | TITLE  | SCALE        |
| APPROVED | RF       | WEARPLATE ASSY   | NTS          |
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| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

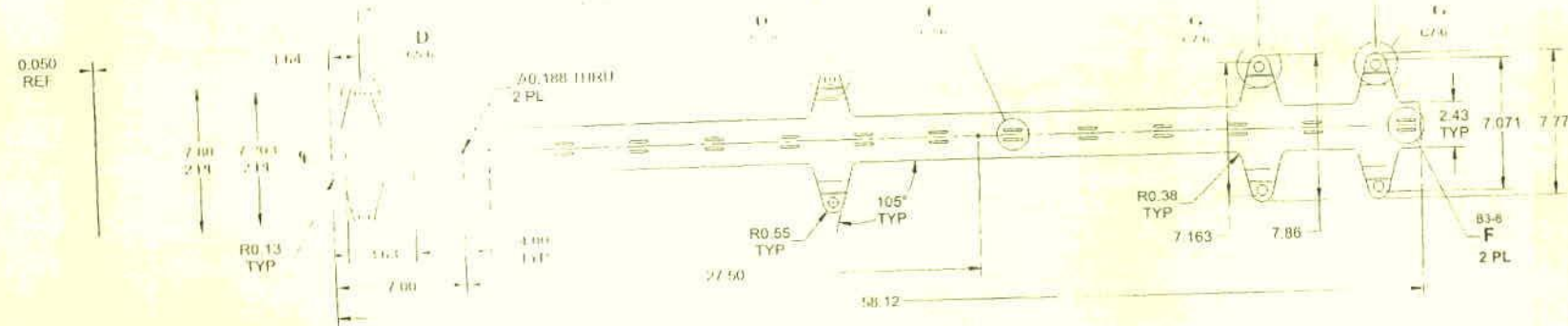
| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

82330



**D4406-3 PLATE**  
(MAKE FROM D4406-3F)



**D4406-3F FLAT PATTERN**

**RELEASED**  
2012-02-23

1. FINISH: NONE  
2. TOLERANCES: PER DART QSI 018 UNIT 12. OTHER DIMENSIONS TO 0.010  
3. UNITS: INCHES UNLESS OTHERWISE NOTED  
4. BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
5. IDENTIFICATION: NONE  
6. WEIGHT: 2.4 lbs

|            |          |  |              |
|------------|----------|--|--------------|
| DESIGN     | RF       | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA   |              |
| DRAWN      | RF       |  |              |
| CHECKED    | RF       | DRAWING NO. <b>D4406</b>   | REV. 11      |
| MFG. APPR. | RF       |  | SHEET 5 OF 6 |
| APPROVED   | RF       | TITLE <b>WEARPLATE ASSY</b>  | SCALE NTS    |
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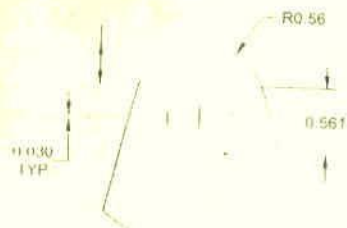
| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

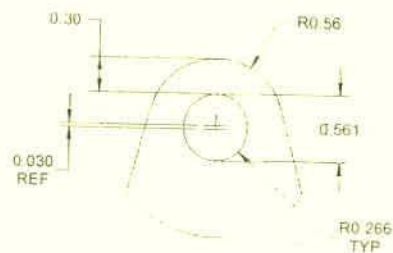
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

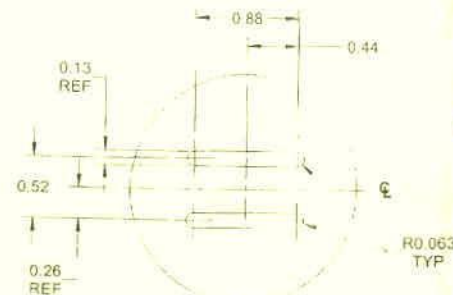
**NOTE:** Date & initial all entries



**DETAIL C**  
SLOT DETAIL TYP  
SCALE 6X



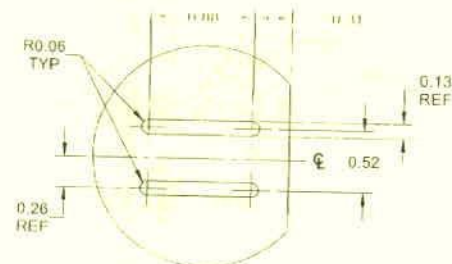
**DETAIL D**  
SLOT DETAIL TYP  
SCALE 6X



**DETAIL E**  
SLOT DETAIL TYP  
SCALE 6X



**DETAIL C**  
DETAIL TYP  
SCALE 6X



**DETAIL F**  
SLOT DETAIL TYP  
SCALE 6X

**RELEASED**  
2012-02-23  
WTP

|            |          |  |              |
|------------|----------|--|--------------|
| DESIGN     | RF       | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA   |              |
| DRAWN      | RF       |  |              |
| CHECKED    | RF       | DRAWING NO.  | REV. B       |
| MFG. APPR. | RF       | <b>D4406</b>   | SHEET 6 OF 6 |
| APPROVED   | RF       | TITLE  | SCALE        |
| DE APPR.   | RF       | <b>WEARPLATE ASSY</b>  | NTS          |
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| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

\*NOTE: Date & initial all entries